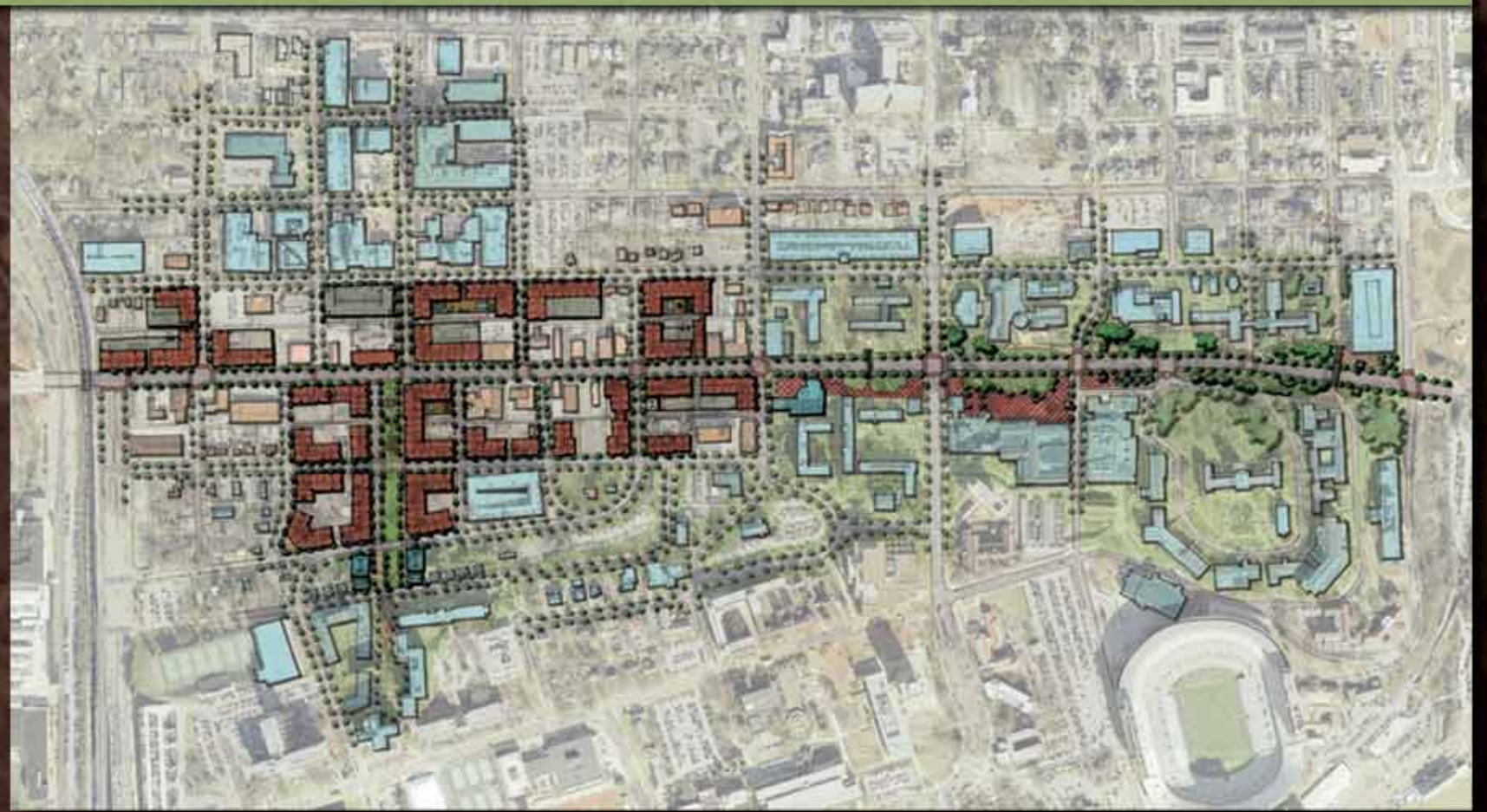


A HISTORY OF CONNECTION



Final Report
April 2007

Cumberland Avenue Corridor Plan
Knoxville, Tennessee

Table of Contents

Acknowledgements

1.0 Introduction

Purpose of this Plan	1-1
Executive Study Area	1-1
Organization of this Plan	1-1
Study Area	1-2
Process	1-3
A History of Connection	1-4

2.0 Context Analysis

Major Stakeholders	2-1
Built Environment	2-2
Parking	2-3
Street Network & Signalized Intersections	2-4
Traffic Volumes	2-5
Open Space & Bicycle Comfort Levels	2-6
Transit	2-6
Transit Routes	2-7
Existing Land Use	2-8
Existing Zoning	2-9
Topography	2-10
Existing Street Sections	2-11
Cumberland Avenue-West of Rail Bridge	2-11
Cumberland Avenue-22nd Street to 17th Street	2-12
Cumberland Avenue- East of 17th Street	2-13
Clinch Avenue	2-14
17th Street	2-15
Lake Avenue and White Avenue	2-16
Commercial Business	2-17
Major Property Owners	2-18
Cumberland Avenue Block Data	2-19

3.0 Issues & Challenges

Traffic Operations	3-1
Safety	3-1
Service & Deliveries	3-1
Hospitals & University	3-2
Transit	3-2
Development Standards	3-2
Landmarks	3-3
Parking	3-3
Character	3-3
Vision Statement	3-4

4.0 The Street

Cumberland Avenue Today	4-1
Road Diet Concept	4-1
Cumberland Avenue: Existing & Proposed	4-2
Traffic Analysis	4-4
Proposed Configuration	4-4
Traffic Performance	4-5
Important Conclusion	4-5
Why 30,000 Vehicles can be Carried on a 3-Lane Street	4-6
Traffic Diversion & Future Volumes	4-6
Streetscape Concept Plan	4-7
Streetscape Design Intent	4-10

5.0 The Urban Design Plan

The Urban Design Plan	5-1
The University	5-2
Mountcastle Park	5-3
The Strip	5-4
Development Opportunities	5-5
Key Concepts for Block Development	5-6
Cumberland Avenue: Existing & Proposed	5-7
Cumberland Avenue: Site Section	5-8

6.0 Design Guidelines

Intent	6-1
General Principles	6-1
Frontage Requirements	6-2
Cumberland Avenue Frontage	6-3
Lake Avenue Frontage	6-4
White Avenue- Neighborhood Frontage	6-5
White Avenue- Hospital Frontage	6-6

7.0 Implementation

Cumberland Avenue Corridor Plan Implementation	7-1
Implementation Structure	7-1
Funding	7-1
Cumberland Avenue Streetscape	7-1
Utilities	7-3
Private Redevelopment	7-3
Mountcastle Park Redevelopment	7-4
Parking	7-4

8.0 Public Input

Advisory Committee Input	8-1
Public Brainstorming Input	8-1
Public Charrette Table Session Input	8-3

Supporting Documents

These supporting documents are available as separate documents through the Knoxville-Knox County MPC.

1. Cumberland Avenue Traffic Signal Basic Inventory Report (prepared by URS, November 2006)
2. Cumberland Avenue Traffic Signal Retiming Report (prepared by URS, March 2007)
3. Utility Assessment Memo (prepared by JJG, February 2007)
4. 3-LaneTraffic Analysis Memo (prepared by Glatting Jackson, March 2007)
5. Case Studies: 3-Lane Conversions

Acknowledgements

Knoxville-Knox County Metropolitan Planning Commission

Mark Donaldson, Executive Director (Advisory Committee Chair)
Mike Carberry, Comprehensive Planning
Ken Pruitt, Development Services
Renee Davis, Comprehensive Planning

Knoxville Regional Transportation Planning Organization

Jeff Welch, Director
Mike Conger

City of Knoxville

Bill Lyons, Director of Economic Development
Steve King, Director of Engineering
Councilman Joe Hultquist, Knoxville City Council
Captain Gordon Catlett, Knoxville Police Department
Captain Paul Dunn, Knoxville Fire Department
Belinda Woodiel-Brill, Knoxville Area Transit

Fort Sanders Regional Medical Center

Julie Dougherty
Tony Blair

East Tennessee Children’s Hospital

Rudy McKinley

Fort Sanders Neighborhood Association

Randal DeFord
Mark Hipshire
Cathy Irwin

Cumberland Avenue Merchants

Rob Dansereau
Jennifer Stubbs
Debbie Billings
Nancy Stanley
Andy Williamson

Knoxville Utilities Board

Ed Medford

Rural Metro

Mike Collins
John Brinkley

Knox County

Cindy Pionke-Engineering & Public Works
Grant Rosenberg-Office of Neighborhoods

Tennessee Department of Transportation

John Houghton
Amanda Snowden

University of Tennessee

Denise Barlow, Vice Chancellor for Finance and Administration
Jan Simek, Special Assistant to the Chancellor
John McRae, Dean, College of Architecture
Stephen Langdon, Student Representative
Ed Jepson, Planning Department
Mark Schimmenti, College of Architecture
Sergeant Vincent Busico, UT Police

Consultant Team

Glatting Jackson Kercher Anglin, Inc.
Kennedy Coulter Rushing & Watson
Jordan Jones & Goulding
URS Corporation

This project was prepared in cooperation with the U.S. Department of Transportation, the Federal Highway Administration and the Tennessee Department of Transportation